

Remarks

Claims 1-30 are pending in the application. Claims 1-30 are rejected. Claims 1, 21, and 22 are amended herein. Claims 11-20 are cancelled. All rejections are respectfully traversed.

Claims 1-30 are rejected under 35 U.S.C. 103(a) as being unpatentable over Johnson, et al., (WO 00/30293 – “Johnson”) in view of Fletcher, et al., (U.S. 6,085,243 – Fletcher).

Independent claims 1 and 21 are amended to more distinctly claim the invention. It should now be understood that invention is mounted in a wall having a cable drop inside. The housing to be mounted in a wall now recited in the Independent claims distinguishes over the switch housing having a switch inside of it as described in Fletcher. The amendments make clear that wall recited in the claims is not a “wall” of a housing as asserted by the Examiner prior to the clarifying amendment herein. Further, the dRMON described in the referenced art is again a logical traffic diagnosis, e.g. machine groups, as opposed to physical locations of faults, as claimed.

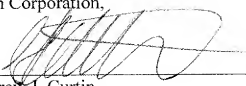
The form factor of the invention, which is mounted at a known location (wall with network cabling) combined with the fault detection capabilities provides a novel way to identify where, physically, a network fault may be. The invention provides high resolution for identifying where faults are in a network and, depending on the type of fault detection enabled in the invention, what type of fault is identified. The prior art is not concerned

with physical location of faults. The prior art is limited to logical locations of faults, i.e., between devices, regardless of device locations.

It is believed that this application is now in condition for allowance. A notice to this effect is respectfully requested. Should further questions arise concerning this application, the Examiner is invited to call Applicant's attorney at the number listed below. Please charge any shortage in fees due in connection with the filing of this paper to Deposit Account 50-3650.

Respectfully submitted,
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By



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